



TECHNOLOGY AREA

Updated: 09-19-05

DEFINITION	
<i>Name</i>	Search Engine
<i>Description</i>	<p>A search engine is a server or a collection of servers dedicated to indexing internet or intranet web documents. Search engines use automated software programs known as spiders, robots or crawlers to survey the Web and build their databases. Web documents are identified and harvested by these programs and analyzed. Data collected from each Web page are then added to the search engine index. The data includes keyword(s), phrase(s) and URLs (Uniform Resource Locators – Web addresses where they were located.)</p> <p>When you query a search using keyword(s) or phrase(s), your input is checked against the search engine's index of all the Web pages it has analyzed. URLs are then returned to you as hits, ranked in order with the best results at the top. The ranking is determined by a number of technical factors, including the content on the page, within its meta/HTML tags and incoming links.</p>
<i>Rationale</i>	Search engines will aid citizens in discovering viable URLs at the State of Missouri's Web sites that may contain information pertinent to the criteria requested. The enormity of this benefit can be realized by comparing it to a droplet from the vast ocean of Web documents. Each Web document is ranked according to relevancy and identified with an associated URL and shows a subset of its content. A viable search engine will provide adequate results.
<i>Benefits</i>	<p>Search engines:</p> <ul style="list-style-type: none"> • automatically or manually harvests, catalogs and indexes keyword(s) or phrase(s) and their associated URLs at specific, programmed intervals; • reduce time spent searching for relevant documents on the internet, intranet or extranet; and • provide responsive, ranked, relevant documents which can be accessed by their associated hyperlinks.
ASSOCIATED ARCHITECTURE LEVELS	
<i>Specify the Domain Name</i>	Interface
<i>Specify the Discipline Name</i>	Branding
KEYWORDS	
<i>List Keywords</i>	Search engine, search, spiders, robots, crawlers, keyword, keywords, phrase, phrases, URL, catalog, harvest, index, rank, relevant, relevance, internet, intranet, find, ranking, Web page, criteria, extranet
ASSOCIATED COMPLIANCE COMPONENTS	
<i>List the Compliance Component Names</i>	Page Ranking Criteria
ASSOCIATED PRODUCT COMPONENTS	
<i>List the Product Component Names</i>	Google, Ht://Dig (Sunset 9/12/05)
CURRENT STATUS	
<i>Provide the Current Status</i>	<input checked="" type="checkbox"/> In Development <input type="checkbox"/> Under Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Rejected

AUDIT TRAIL			
<i>Creation Date</i>	03-18-05	<i>Date Approved / Rejected</i>	9/27/05
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			